

Release notes for ENDF/B-VII.1 helium3s sublibrary

December 20, 2011

ERROR SUMMARY

fzcon All probability distributions should be normalized to 1, this one isn't.: h-003_Li_006.endf

fzcon The cross section and an outgoing distribution don't span the same energy region.: h-002_He_003.endf,
h-002_He_003.endf

• **fizcon** Errors:

1. The cross section and an outgoing distribution don't span the same energy region.

```
ERROR(S) FOUND IN MAT= 225, MF= 6, MT= 2
SECTION DOES NOT SPAN THE SAME ENERGY RANGE AS FILE 3, MT= 2
```

```
ERROR(S) FOUND IN MAT= 225, MF= 6, MT=111
SECTION DOES NOT SPAN THE SAME ENERGY RANGE AS FILE 3, MT= 111
```

2. The cross section and an outgoing distribution don't span the same energy region.

```
ERROR(S) FOUND IN MAT= 225, MF= 3, MT= 2
THE MAXIMUM INCIDENT ENERGY OF 2.00000E+06 (EV)
SHOULD BE GREATER THAN OR EQUAL TO 2.00000E+07
```

• **fizcon** Errors:

1. All probability distributions should be normalized to 1, this one isn't.

```
ERROR(S) FOUND IN MAT= 325, MF= 6, MT=112
CHECK NORMALIZATION= 0.999456 AT E= 2.0000E+04 SEQUENCE NUMBER 7
CHECK NORMALIZATION= 0.999468 AT E= 3.0000E+04 SEQUENCE NUMBER 37
CHECK NORMALIZATION= 0.999472 AT E= 4.0000E+04 SEQUENCE NUMBER 67
```

...